

ABSTRACT OF THE DISCLOSURE

An elevator system (20) includes wireless communicating portions (40, 42) that communicate with each other to provide elevator cab (22) position information within a hoistway (24). In one example, a first communicating portion (40) is supported on the elevator cab (22) that generates a radio frequency trigger signal (58) that is received by a second communicating portion (42) at a selected position along the hoistway (24). The second communicating portion (42) responsively generates an ultrasound signal (64) that is received by the first communicating portion (40). A characteristic of the received locating signal, such as the timing between the trigger signal and the receipt of the locating signal, provides position information regarding the cab within the hoistway.

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